Alberta Apprenticeship and Industry Training Board

Statistical Profiles
2012

Alberta Government

Apprenticeship and Industry Training

Note:

As of 2001, the statistical tables and charts were changed to reflect the actual number of **people** involved in the Alberta apprenticeship and industry training system. In previous years, the data reflected the number of registrations, graduations and certificates issued rather than the number of apprentices registered and the number of certified individuals. The distinction is important. The first reflects the paper processed in a given period of time and the other reflects the number of people involved.

In the past, these numbers differed minimally. With the creation of various branches of individual trades and with the availability of multiple certifications within one trade, these numbers are increasingly divergent.

Please note that in 2003 the technical training information was also changed to reflect the **school year**. Prior to 2003, technical training attendance was provided based on the **calendar year** for consistency with other calendar year data (e.g. registrations). The switch to school year data provides a more accurate reading of the technical training data.

As a result of these changes, the data provided in the tables and charts that follow will not correspond to the data provided in Alberta Apprenticeship and Industry Training Annual Reports prior to the changes.

Statistical Profiles

Apprenticeship at a Glance

- Alberta has more than 50 designated trades and occupations.
- Apprenticeship programs in most of the designated trades are three to four years in length.
- Approximately 80 per cent of an apprentice's time is spent on the job under the guidance of a certified journeyperson or qualified tradesperson. The other 20 per cent involves technical training provided at, or through, a post-secondary establishment – usually a college or technical institute.
- Apprenticeship begins with finding an employer. Employers hire apprentices, pay their wages and provide on-the-job training supervised by a certified or qualified tradesperson.
- Most apprentices are eligible for employment insurance while attending technical training. Apprentices who demonstrate financial need may qualify for a grant while attending technical training.
- The most common age for Alberta apprentices to register in their first trade is 20.
- While in high school, students can become apprentices through the Registered Apprenticeship Program (RAP). In RAP, they obtain hours of on-the-job training and work experience as credit toward both an apprenticeship program and a high school diploma while earning an income.
- As of March 31, 2012, approximately $5.1 million has been awarded to Alberta apprentices through the Alberta Apprenticeship and Industry Training Board Family of Scholarships.
- Alberta's apprenticeship and industry training system relies on a network of approximately 165 committees made up of more than 800 individual industry representatives. Trade and occupational committees are composed of equal numbers of employers and employees.
- Technical training is often delivered through what is called 'block release', where the apprentice spends a block of time, generally eight weeks per year in classroom training. Technical training is offered in other formats in some trades, including competency-based apprenticeship training (CBAT), distance delivery, weekly apprenticeship training system (WATS) and mobile delivery, and on-site classes at workplaces.
- Although Alberta has only 11 per cent of Canada's labour force, it trains more than 20 per cent of the country's apprentices.
- Alberta recognizes apprentices from other jurisdictions in Canada at the same level as their home jurisdiction.
- Alberta welcomes tradespeople from other jurisdictions in Canada who hold an Interprovincial Standards Red Seal.
- Alberta has produced more tradespeople with an Interprovincial Standards Red Seal than any other jurisdiction in Canada.

Apprenticeship Statistics at a Glance - 2012

- There are more than 60,000 registered apprentices in Alberta.
- In 2012, more than 21,000 new apprentices registered an increase of approximately 26% from the previous year.
- As of December 31, 2012, approximately 2,900 Aboriginal people were registered in Alberta as apprentices.
- As of December 31, 2012, more than 5,300 women were registered in Alberta as apprentices.
- More than 1,300 high school students were registered in RAP in 2012 and were employed at over 1,000 employer sites.
- More than 2,700 apprentices who started RAP in high school are currently continuing in a regular apprenticeship program.
- In 2012, apprentices were being trained at approximately 14,000 employer sites around Alberta.
- In 2012, more than 9,300 individuals were certified in Alberta's designated trades and occupations. (This includes completed apprentices and individuals issued occupation and qualification certificates).
- The majority of graduates who participated in the 2010/2011 apprenticeship graduate survey expressed satisfaction with:
    - the overall quality of on-the-job training (91%);
    - the overall quality of their technical training (93%); and
    - their experience with the apprenticeship program – 97% would still have chosen to become an apprentice.
- According to a 2012 survey of employers, overall satisfaction with Alberta's apprenticeship and trade certification system remains high with 92 per cent of respondents expressing satisfaction with the system.
- The majority of employers who participated in the 2012 employer survey expressed satisfaction with:
    - the skills of certified journeypersons (95%)
    - apprenticeship technical training (86%)
    - the effectiveness of on-the-job training (96%)
- Enterprise and Advanced Education staff completed more than 13,600 shop registrations through site visits in 2012. These site visits provide an opportunity to promote apprenticeship and industry training programs, to work with employers and apprentices to ensure the successful completion of apprenticeship training, and to ensure compliance with the *Apprenticeship and Industry Training Act*.

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Table 1

Alberta Apprenticeship and Provincial Labour Force Statistics, 2007 - 2012

	2007	2008	2009	2010	2011	2012	2007-2012 % Change
Total Apprentices Registered (all trades)	67,274	70,415	69,904	63,029	57,004	61,326	-8.8%
New Apprentices Registered (all trades)	22,663	22,668	16,594	15,199	17,371	21,906	-3.3%
Labour Force (thousands)	2,064.1	2,130.7	2,167.3	2,157.3	2,215.2	2,253.5	9.2%
Employed (thousands)	1,991.3	2,053.7	2,025.2	2,016.6	2,094.1	2,149.6	7.9%
Unemployed (thousands)	72.8	77.0	142.1	140.7	121.0	103.8	42.6%
Unemployment Rate (%)	3.5%	3.6%	6.6%	6.5%	5.5%	4.6%	1.1 percentage points

Source: *Alberta Enterprise and Advanced Education and Statistics Canada*

Total Apprentices Registered: Total number registered as of December 31, 2012. Apprentices may be registered in more than one trade or branch of a trade within the same year but are counted here only once.

New Apprentices Registered: All apprentices registering during a single calendar year. The number includes those who are returning to do an additional apprenticeship after completing one or more apprenticeships in previous years, or continuing an apprenticeship in another trade for which they registered in a previous year. Apprentices who registered in more than one trade or branch of a trade within a specific year, or who changed from one branch of a trade to another branch within the same trade on the same day, are counted only once. The number does not include reinstated apprentices (unless reinstated in the same year).

Table 2

Total Number of Apprentices Registered (Totals, Averages and Percent Changes) by Trade, 2007 - 2012*

TRADE	2007	2008	2009	2010	2011	2012	2007-12 Average	2007-12 % Change
Agricultural Equipment Technician	185	179	189	182	176	186	183	1%
Appliance Service Technician	97	108	115	109	89	80	100	-18%
Auto Body Technician	742	797	893	844	724	681	780	-8%
Automotive Service Technician	3,595	3,781	3,867	3,727	2,984	2,840	3,466	-21%
Baker	259	265	237	201	175	170	218	-34%
Boilermaker	270	300	387	470	440	431	383	60%
Bricklayer	315	301	294	277	217	203	268	-36%
Cabinetmaker	499	505	480	408	351	311	426	-38%
Carpenter	5,167	5,246	5,452	4,885	3,923	3,651	4,721	-29%
Communication Technician	400	468	479	396	305	217	378	-46%
Concrete Finisher	111	98	111	93	62	58	89	-48%
Cook	1,183	1,180	1,146	1,093	985	937	1,087	-21%
Crane and Hoisting Equipment Operator	2,703	2,594	2,373	2,229	2,398	2,831	2,521	5%
Electric Motor Systems Technician	74	88	94	83	69	65	79	-12%
Electrician	9,964	10,735	10,930	10,485	9,823	10,343	10,380	4%
Electronic Technician (Note 1)	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Elevator Constructor	187	225	282	278	216	179	228	-4%
Floorcovering Installer	113	85	91	53	63	48	76	-58%
Gasfitter	362	394	405	392	384	410	391	13%
Glazier	247	321	354	387	351	305	328	23%
Hairstylist	2,335	2,350	2,645	2,494	2,365	2,288	2,413	-2%
Heavy Equipment Technician	5,093	5,447	5,151	4,707	4,712	5,492	5,100	8%
Instrument Technician	1,906	1,923	1,918	1,875	1,698	1,764	1,847	-7%
Insulator	632	824	723	873	838	698	765	10%
Ironworker	1,061	1,279	1,356	1,278	866	1,326	1,194	25%
Ironworker - Metal Building Systems Erector	82	74	89	90	61	90	81	10%
Landscape Gardener	205	188	214	204	181	162	192	-21%
Lather-Interior Systems Mechanic	139	133	128	114	89	62	111	-55%
Locksmith	62	68	78	77	76	83	74	34%
Machinist	1,254	1,132	1,010	804	640	779	937	-38%
Millwright	2,122	2,164	2,107	1,855	1,672	1,909	1,972	-10%
Motorcycle Mechanic	311	324	310	266	197	198	268	-36%
Natural Gas Compression Technician (Note 2)	N/A	N/A	N/A	N/A	2	15	3	N/A
Outdoor Power Equipment Technician	93	91	108	105	98	88	97	-5%
Painter and Decorator	146	124	148	119	113	108	126	-26%
Parts Technician	940	1,050	992	856	846	1,007	949	7%
Plumber	4,374	4,576	4,505	4,317	3,502	3,286	4,093	-25%
Powerline Technician	525	596	654	659	618	658	618	25%
Power System Electrician	173	209	291	372	329	369	291	113%
Recreation Vehicle Service Technician	231	223	206	168	116	102	174	-56%
Refrigeration and Air Conditioning Mechanic	698	765	808	809	731	753	761	8%
Rig Technician (Note 3)	3,229	3,823	3,793	2,263	2,719	2,832	3,110	-12%
Roofer	185	188	229	230	191	212	206	15%
Sawfiler	16	11	11	8	5	4	9	-75%
Sheet Metal Worker	1,331	1,543	1,686	1,620	1,323	1,155	1,443	-13%
Sprinkler Systems Installer	371	445	493	431	301	263	384	-29%
Steamfitter-Pipefitter	3,597	4,607	4,434	3,675	3,150	4,160	3,937	16%
Structural Steel and Plate Fitter	206	159	130	113	139	175	154	-15%
Tilesetter	39	41	39	39	30	34	37	-13%
Tool and Die Maker (Note 4)	5	6	3	1	0	N/A	N/A	N/A
Transport Refrigeration Technician	54	61	46	41	27	28	43	-48%
Water Well Driller	44	44	58	49	40	45	47	2%
Welder	9,342	8,277	7,362	5,925	5,594	7,235	7,289	-23%
TOTAL	67,274	70,415	69,904	63,029	57,004	61,326	64,825	-9%

Source: *Alberta Enterprise and Advanced Education*

* Total number of apprentices registered as of December 31 each year. Apprentices may be registered in more than one trade or branch of a trade within the same year but are counted here only once.

N/A = Not Applicable. Data does not exist in one or more of the specified years.

Note 1: The designation of the trade of electronic technician was rescinded effective September 1, 2007. Effective September 1, 2005, contracts of apprenticeship were no longer accepted for registration.
Note 2: Natural gas compression technician became a designated trade on September 1, 2011.
Note 3: Approximately 930 of the rig technician apprentices are from Canadian jurisdictions other than Alberta.
Note 4: Effective April 1, 2011, the designation of the trade of tool and die maker is rescinded. As of May 1, 2009, contracts of apprenticeship were no longer accepted for registration.

Table 3

New Apprentices Registered (Totals, Averages and Percent Changes) by Trade, 2007 - 2012*

TRADE	2007	208	2009	2010	2011	2012	2007-12 Average	2007-12 % Change
Agricultural Equipment Technician	49	61	59	46	54	63	55	29%
Appliance Service Technician	40	39	34	26	27	26	32	-35%
Auto Body Technician	246	268	255	184	213	206	229	-16%
Automotive Service Technician	1,020	1,015	886	739	779	804	874	-21%
Baker	120	115	69	56	64	74	83	-38%
Boilermaker	96	110	169	149	144	132	133	38%
Bricklayer	103	85	64	58	48	39	66	-62%
Cabinetmaker	151	159	98	92	85	91	113	-40%
Carpenter	1,743	1,655	1,234	1,043	931	1,046	1,275	-40%
Communication Technician	151	211	111	38	44	63	103	-58%
Concrete Finisher	55	26	42	26	28	25	34	-55%
Cook	439	447	379	382	362	346	393	-21%
Crane and Hoisting Equipment Operator	1,116	1,121	747	908	1,007	1,284	1,031	15%
Electric Motor Systems Technician	28	24	21	14	22	18	21	-36%
Electrician	2,911	2,988	2,210	2,280	2,398	2,921	2,618	0%
Elevator Constructor	65	63	80	50	26	15	50	-77%
Floorcovering Installer	34	28	26	35	31	13	28	-62%
Gasfitter	137	170	151	146	164	177	158	29%
Glazier	105	124	100	115	96	68	101	-35%
Hairstylist	998	962	992	930	912	866	943	-13%
Heavy Equipment Technician	1,604	1,688	1,214	1,022	1,630	2,064	1,537	29%
Instrument Technician	503	551	433	461	506	621	513	23%
Insulator	175	358	139	348	220	217	243	24%
Ironworker	713	669	371	313	312	757	523	6%
Ironworker - Metal Building Systems Erector	30	36	37	25	27	53	35	77%
Landscape Gardener	60	55	67	53	55	43	56	-28%
Lather-Interior Systems Mechanic	51	45	39	27	26	26	36	-49%
Locksmith	23	23	24	20	33	24	25	4%
Machinist	317	261	179	98	210	305	228	-4%
Millwright	593	585	443	348	521	668	526	13%
Motorcycle Mechanic	124	96	89	55	59	77	83	-38%
Natural Gas Compression Technician (Note 1)	N/A	N/A	N/A	N/A	2	16	N/A	N/A
Outdoor Power Equipment Technician	31	36	39	30	53	35	37	13%
Painter and Decorator	41	36	42	35	44	39	40	-5%
Parts Technician	372	341	279	261	334	464	342	25%
Plumber	1,481	1,246	862	843	700	822	992	-44%
Powerline Technician	187	193	198	187	184	235	197	26%
Power System Electrician	68	82	120	155	107	150	114	121%
Recreation Vehicle Service Technician	106	67	38	43	29	38	54	-64%
Refrigeration and Air Conditioning Mechanic	221	254	186	185	176	217	207	-2%
Rig Technician (Note 2)	1,437	1,690	758	550	1,062	944	1,074	-34%
Roofer	64	69	78	64	68	85	71	33%
Sawfiler	6	0	2	1	1	3	2	-50%
Sheet Metal Worker	468	487	407	321	272	246	367	-47%
Sprinkler Systems Installer	143	161	98	72	54	67	99	-53%
Steamfitter-Pipefitter	1,366	1,656	1,033	1,028	1,098	1,965	1,358	44%
Structural Steel and Plate Fitter	44	55	24	40	76	92	55	109%
Tilesetter	16	20	4	18	9	13	13	-19%
Tool and Die Maker (Note 3)	2	2	0	N/A	N/A	N/A	N/A	N/A
Transport Refrigeration Technician	17	16	11	7	6	15	12	-12%
Water Well Driller	17	15	23	14	17	17	17	0%
Welder	2,776	2,204	1,630	1,258	2,045	3,311	2,204	19%
TOTAL	22,683	22,668	16,594	15,199	17,371	21,906	19,400	-3%

Source: *Alberta Enterprise and Advanced Education*

* New apprentices include all apprentices registering during a single calendar year. The number includes those who are returning to do an additional apprenticeship after completing one or more apprenticeship programs in previous years, or continuing an apprenticeship in another trade for which they registered in a previous year. Apprentices who registered in more than one trade or branch of a trade within 2012, are counted here only once. The number does not include reinstated apprentices (unless reinstated in the same year).

N/A = Not Applicable. Data does not exist in one or more of the specified years.

Note 1: Natural gas compression technician became a designated trade on September 1, 2011.
Note 2: Approximately 325 of the newly registered rig technician apprentices are from Canadian jurisdictions other than Alberta.
Note 3: Effective April 1, 2011, the designation of the trade of tool and die maker is rescinded. As of May 1, 2009, contracts of apprenticeship were no longer accepted for registration.

Table 4

Total and New Apprentices Registered by Branch, 2012

	Total Registered Apprentices	New Apprentices Registered
Appliance Service Technician		
Appliance Service Technician	65	23
Commercial Appliance Service Technician	15	3
Total	80	26
Crane and Hoisting Equipment Operator		
Boom Truck		
Boom Truck	911	409
Wellhead Boom Truck	1,093	485
Mobile Crane	775	364
Tower Crane	52	26
Total	2,831	1,284
Gasfitter		
Gasfitter A	352	141
Gasfitter B	58	36
Total	410	177
Ironworker		
Ironworker	360	205
Metal Building Systems Erector	90	53
Reinforcing	273	190
Structural/Ornamental	693	362
Total	1,416	810
Parts Technician *(Note 2)*		
Parts Technician *(old program)*	12	N/A
Parts Technician *(new program)*	881	413
Materials Technician	114	51
Total	1,007	464
Welder		
Welder	7,183	3,262
Wire Process Operator	52	49
Total	7,235	3,311
Auto Body Technician		
Prepper	7	4
Refinisher	78	19
Repairer	75	9
Technician	521	174
Total	681	206
Heavy Equipment Technician		
Heavy Equipment Technician	4,560	1,685
Heavy Duty Equipment Mechanic (Off Road)	306	148
Transport Trailer Mechanic	112	51
Truck and Transport Mechanic	514	180
Total	5,492	2,064
Glazier		
Glazier	301	68
Auto Glass Technician	4	0
Total	305	68
Outdoor Power Equipment Technician *(Note 1)*		
Power	44	20
Recreational	44	15
Total	88	35
Sawfiler		
Sawfiler	4	3
Circular Sawfiler	0	0
Total	4	3

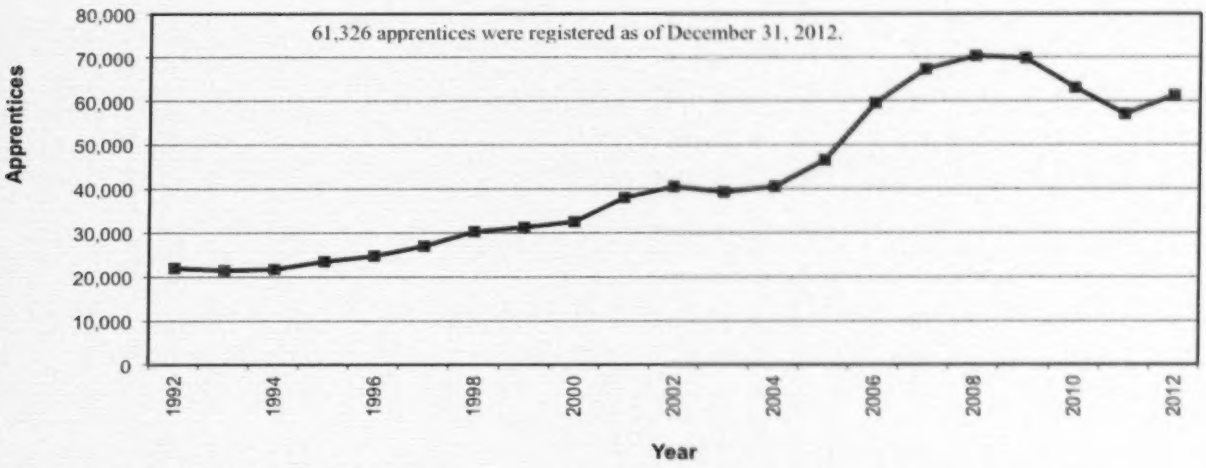
Source: *Alberta Enterprise and Advanced Education*

Note 1: Apprentices registered in a single branch of the auto body technician trade are counted under the branch in which they are registered. Apprentices registered in two or three branches of the trade are counted under the 'Technician' heading

Note 2: The parts technician trade merged with the warehousing occupation on May 1, 2008. The parts technician trade now has two branches - parts technician and materials technician. Apprentices who completed or were granted credit for first period technical training by June 30, 2008 could continue in the old parts technician program.

Chart 1

Total Number of Apprentices Registered by Year, 1992 - 2012

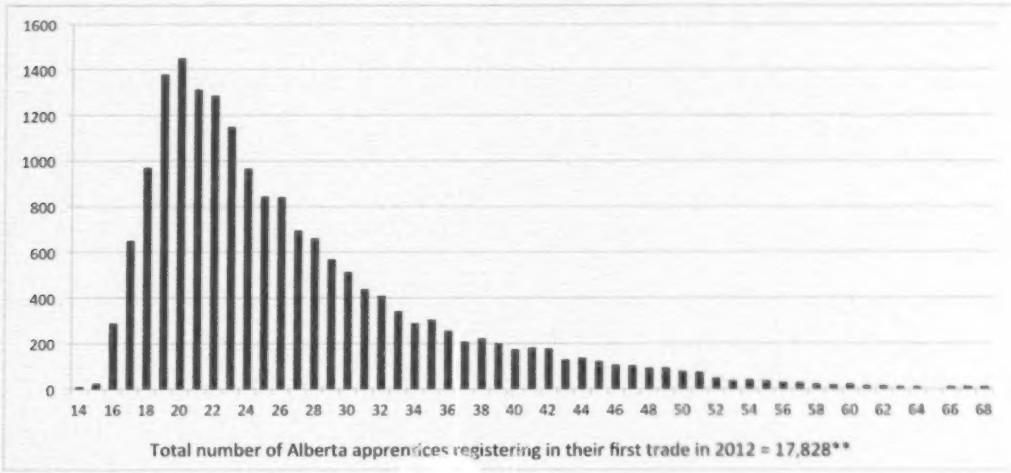


Source: *Alberta Advanced Education and Technology*

* This graph represents statistics covering a series of calendar years (January to December).

Chart 2

Age of Alberta Apprentices on Date of Registration in First Trade, 2012*



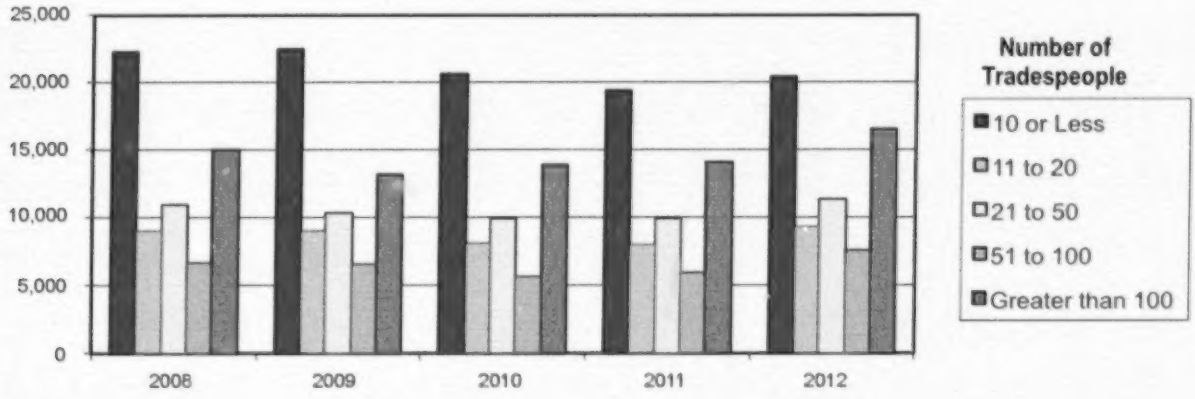
Source: *Alberta Advanced Education and Technology*

* Age at date of registration.

** The 17,828 total in the chart above includes only individuals registering in their first trade in Alberta in 2012. This number differs from the total number of new apprentices registered (21,906) as presented in Table 3. In Table 3, the number of new apprentices registered includes those who are returning to do an additional apprenticeship after completing one or more apprenticeship programs in previous years.

Chart 3

Total Apprentices Being Trained by Employer Site Size, 2008 - 2012*



Source: *Alberta Enterprise and Advanced Education*

*The size of a employer site is determined by the number of tradespeople.

Table 5

Total Number of Individuals Certified, 2012*

Trade/Occupation	Journeyman Certificates Issued to Completed Apprentices and Individuals Issued Occupation Certificates	Interprovincial Red Seals Issued to Completed Apprentices and Trainees *(Note 1)*	Qualification Certificates *(Note 2)*	Equivalency Documents *(Note 3)*	Other Red Seals Issued *(Note 4)*
Agricultural Equipment Technician	32	21	2	0	2
Appliance Service Technician**	16	11	5	0	2
Auto Body Technician**	78	53	21	0	17
Automotive Service Technician	421	407	51	20	47
Baker	32	22	5	0	3
Boilermaker	65	58	1	0	1
Bricklayer	39	19	0	0	0
Cabinetmaker	61	53	2	0	2
Carpenter	564	486	11	1	9
Communication Technician	73	N/A	0	0	N/A
Concrete Finisher	9	9	11	0	8
Cook	155	152	51	0	42
Crane and Hoisting Equipment Operator**	425	111	18	4	0
Electric Motor Systems Technician	13	12	0	0	0
Electrician	1,443	1,127	42	1	36
Elevator Constructor	43	N/A	1	0	N/A
Floorcovering Installer	4	4	1	0	1
Gasfitter	80	N/A	6	12	N/A
Glazier**	53	45	2	0	2
Hairstylist	538	396	59	1	53
Heavy Equipment Technician**	758	561	62	11	55
Instrument Technician	240	192	3	0	5
Insulator	85	56	1	4	1
Ironworker	95	65	28	0	24
Ironworker - Metal Building Systems Erector	5	N/A	3	0	N/A
Landscape Gardener	22	19	0	0	0
Lather-Interior Systems Mechanic	20	20	2	0	2
Locksmith	5	N/A	0	0	N/A
Machinist	94	88	3	0	2
Millwright	267	208	7	3	6
Motorcycle Mechanic	39	35	5	0	4
Natural Gas Compression Technician	0	N/A	3	0	N/A
Outdoor Power Equipment Technician	8	N/A	0	0	N/A
Painter and Decorator	11	11	4	0	1
Parts Technician**	129	116	20	1	14
Plumber	583	517	11	11	9
Powerline Technician	130	123	37	0	31
Power System Electrician	48	N/A	3	0	N/A
Recreation Vehicle Service Technician	18	15	0	0	0
Refrigeration and Air Conditioning Mechanic	85	76	1	2	1
Rig Technician	105	90	84	0	63
Roofer	20	19	5	0	5
Sawfiler	2	N/A	0	0	N/A
Sheet Metal Worker	170	147	1	0	1
Sprinkler Systems Installer	46	44	0	0	0
Steamfitter-Pipefitter	430	320	103	0	85
Structural Steel and Plate Fitter	14	13	4	0	4
Tilesetter	1	0	4	0	3
Transport Refrigeration Technician	9	N/A	0	0	N/A
Water Well Driller	10	N/A	0	0	N/A
Welder**	845	658	100	6	83
Total - Trades	8,438	6,379	783	77	624

(continued)

Table 5 (continued)

Total Number of Individuals Certified, 2012*

Trade/Occupation	Journeyman Certificates Issued to Completed Apprentices and Individuals Issued Occupation Certificates	Interprovincial Red Seals Issued to Completed Apprentices and Trainees (Note 1)	Qualification Certificates (Note 2)	Equivalency Documents (Note 3)	Other Red Seals Issued (Note 4)
Construction Craft Labourer	25	25	N/A	0	1
Field Heat Treatment Technician	11	N/A	N/A	0	N/A
Gas Utility Operator	8	N/A	N/A	0	N/A
Industrial Construction Crew Supervisor	110	N/A	N/A	0	N/A
Oil and Gas Transportation Services	0	N/A	N/A	0	N/A
Residential Construction Site Manager	0	N/A	N/A	0	N/A
Snubbing Services	5	N/A	N/A	0	N/A
Steel Detailer	0	N/A	N/A	0	N/A
Well Testing Services Supervisor	1	N/A	N/A	0	N/A
Total - Occupations	160	25	N/A	0	1
TOTAL	8,598	6,404	783	77	625

Source: *Alberta Enterprise and Advanced Education*

* Individuals issued more than one certificate in 2012 are counted here only once.
** Indicates that some, not all, branches of this trade have a Red Seal designation.

N/A = Not Applicable.

Note 1: This number includes the number of Interprovincial Red Seals Issued to Completed Apprentices and Trainees in 2012 regardless of the year the apprentices or trainees completed their training.

Note 2: A Qualification Certificate is a certificate issued to individuals who, through an assessment of their prior work experience, knowledge and skills in a designated trade, demonstrate they meet the standards set for certification in Alberta.

Note 3: Equivalency documents were issued to individuals who hold a valid trade or occupational certificate to indicate that the person holds a specific certificate and is permitted to work in a particular trade, or branch of a trade, or that the person holds a specific certificate that is recognized as equivalent to an occupational certificate in a named occupation. Equivalency documents are not issued to individuals who hold a certificate that bears an Interprovincial Standards Red Seal. Ten of the 20 individuals who received Equivalency documents for the automotive service technician trade also received Equivalency documents for the heavy equipment technician trade.

Note 4: 'Other Red Seals Issued' includes red seals issued to individuals other than those who have completed an Alberta apprenticeship or occupational training program. The number includes red seals issued to individuals who were certified through Alberta's Qualification Certificate Program or occupation training and certification program (without completing a trainee program) and to individuals who successfully completed the interprovincial examination in Alberta rather than in the jurisdiction in which they were originally certified.

Table 6

Total Number of Completed Apprentices and Individuals Issued Occupation and Qualification Certificates (Totals, Averages and Percent Changes) by Trade, 2007 - 2012*

TRADE/OCCUPATION	2007	2008	2009	2010	2011	2012	2007-12 Average	2007-12 % Change
Agricultural Equipment Technician	23	23	25	27	22	34	26	48%
Appliance Service Technician	9	25	10	21	18	21	17	133%
Auto Body Technician	122	118	110	134	133	99	119	-19%
Automotive Service Technician	418	400	402	444	446	472	430	13%
Baker	36	29	42	36	39	37	37	3%
Boilermaker	32	25	29	62	56	66	45	106%
Bricklayer	27	45	43	34	36	39	37	44%
Cabinetmaker	43	34	38	32	50	63	43	47%
Carpenter	293	314	384	474	621	575	444	96%
Communication Technician	36	104	35	37	38	73	54	103%
Concrete Finisher	7	7	16	13	15	20	13	186%
Cook	152	166	150	207	222	206	184	36%
Crane and Hoisting Equipment Operator	390	401	369	414	455	443	412	14%
Electric Motor Systems Technician	5	3	7	3	8	13	7	160%
Electrician	1,357	1,275	1,184	1,515	1,554	1,485	1,395	9%
Electronic Technician (Note 1)	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Elevator Constructor	6	16	14	29	60	44	28	633%
Floorcovering Installer	3	13	7	26	10	5	11	67%
Gasfitter	69	79	80	101	90	86	84	25%
Glazier	23	13	25	32	43	55	32	139%
Hairstylist	635	591	478	681	655	597	606	-6%
Heavy Equipment Technician	562	689	776	920	905	820	779	46%
Instrument Technician	195	238	229	294	281	243	247	25%
Insulator	54	52	68	64	56	86	63	59%
Ironworker	98	114	129	133	129	123	121	26%
Ironworker - Metal Building Systems Erector	9	27	9	5	8	8	11	-11%
Landscape Gardener	23	20	16	30	19	22	22	-4%
Lather-Interior Systems Mechanic	9	9	18	15	9	22	14	144%
Locksmith	8	4	3	4	9	5	6	-38%
Machinist	106	139	142	174	164	97	137	-8%
Millwright	202	229	277	397	387	274	294	36%
Motorcycle Mechanic	30	30	38	43	43	44	38	47%
Natural Gas Compression Technician (Note 2)	N/A	N/A	N/A	N/A	0	3	N/A	N/A
Outdoor Power Equipment Technician	10	7	6	5	15	8	9	-20%
Painter and Decorator	20	13	13	19	14	15	16	-25%
Parts Technician	147	147	156	180	159	149	156	1%
Plumber	408	424	408	560	600	594	499	46%
Power Lineman	79	112	144	137	137	167	129	111%
Power System Electrician	33	32	35	41	51	51	41	55%
Recreation Vehicle Service Technician	28	31	30	40	39	18	31	-36%
Refrigeration and Air Conditioning Mechanic	92	84	75	99	124	86	93	-7%
Rig Technician	1,413	807	151	189	159	189	485	-87%
Roofer	19	24	12	37	22	25	23	32%
Sawfiler	3	1	2	1	4	2	2	-33%
Sheet Metal Worker	90	88	98	144	128	171	120	90%
Sprinkler Systems Installer	24	32	28	50	69	46	42	92%
Steamfitter-Pipefitter	490	507	789	691	517	533	588	9%
Structural Steel and Plate Fitter	26	26	30	25	13	18	23	-31%
Tilesetter	6	2	2	8	7	5	5	-17%
Tool and Die Maker (Note 3)	0	0	0	0	1	N/A	N/A	N/A
Transport Refrigeration Technician	6	4	9	6	8	9	7	50%
Water Well Driller	8	8	6	6	12	10	8	25%
Welder	1,179	1,356	1,552	1,613	1,098	945	1,291	-20%
Total - Trades	9,086	8,937	8,699	10,252	9,758	9,221	9,322	2%

(continued)

Table 6 (continued)

Total Number of Completed Apprentices and Individuals Issued Occupation and Qualification Certificates (Totals, Averages and Percent Changes) by Trade, 2007 - 2012*

TRADE/OCCUPATION	2007	2008	2009	2010	2011	2012	2007-12 Average	2007-12 % Change
Construction Craft Labourer	15	26	41	57	25	25	32	67%
Field Heat Treatment Technician	N/A	1	23	12	23	11	N/A	N/A
Gas Utility Operator	5	8	9	14	5	8	8	60%
Industrial Construction Crew Supervisor	N/A	2	47	48	55	110	N/A	N/A
Oil and Gas Transportation Services	16	16	5	0	0	0	6	-100%
Residential Construction Site Manager (Note 4)	N/A	N/A	N/A	N/A	0	0	N/A	N/A
Snubbing Services	27	11	14	4	10	5	12	-81%
Steel Detailer	10	2	9	3	13	0	6	-100%
Warehousing (Note 5)	32	13	11	13	N/A	N/A	N/A	N/A
Well Testing Services Supervisor	9	35	18	2	15	1	13	-89%
Total - Occupations	114	114	177	153	146	160	144	40%
TOTAL	9,180	9,051	8,876	10,405	9,904	9,381	9,466	2%

Source: *Alberta Enterprise and Advanced Education*

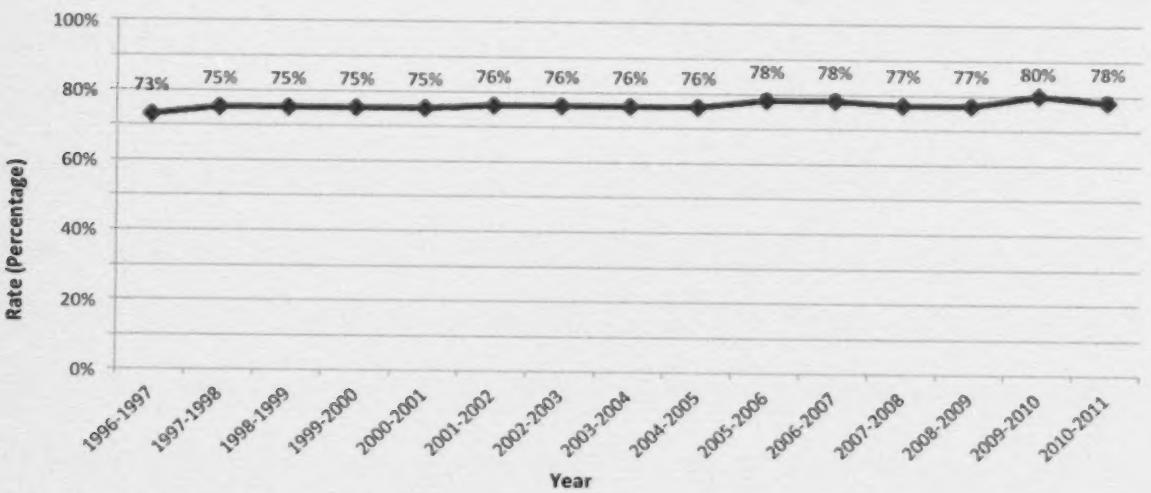
* Individuals issued more than one certificate in each year are counted here only once.

N/A = Not Applicable. Data does not exist in one or more of the specified years .

Note 1: The designation of the trade of electronic technician was rescinded effective September 1, 2007.
Note 2: Natural gas compression technician became a designated trade on September 1, 2011.
Note 3: Effective April 1, 2011, the designation of the trade of tool and die maker is rescinded. As of May 1, 2009, contracts of apprenticeship were no longer accepted for registration.
Note 4: Residential construction site manager became a designated occupation on September 30, 2011.
Note 5: The warehousing occupation merged with the parts technician trade on May 1, 2008. Individuals registered in the warehousing occupation on that date had the option to complete their existing warehousing training and become certified prior to May 1, 2010.

Chart 4

Apprentice Completion Rate, 1996/97 to 2010/11



Source: *Alberta Enterprise and Advanced Education*

Notes:
Year = July 1 to June 31
The cohort of apprentices that is followed are those who have completed all the requirements for their first period of apprenticeship training (including technical training, on-the-job training and period exams) and went on to complete their program within two years past the normally expected completion date.

The completion rate is based on trade programs that are 2, 3 and 4 years in length combined. One year trades are excluded

Table 7

Technical Training Attendance by Institution and School Year, 2007/08 - 2012/13*

INSTITUTION	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13*	2007/08 - 2012/13 Average	2007/08 - 2012/13 % Change
Delmar College of Hair Design *(Note 1)*	118	128	124	113	127	71	114	-40%
Eveline Charles Academy *(Notes 1 & 2)*	N/A	N/A	113	117	57	N/A	N/A	N/A
Grande Prairie Regional College *(Note 3)*	1,337	1,407	1,201	1,088	1,013	1,159	1,201	-13%
Keyano College	723	881	867	807	781	753	802	4%
Lakeland College	1,175	1,166	1,002	919	952	1,124	1,056	-4%
Lethbridge College	1,073	1,123	917	811	777	851	925	-21%
Marvel College *(Note 2)*	105	109	6	N/A	N/A	45	N/A	-57%
Medicine Hat College	565	606	576	561	566	614	581	9%
Northern Alberta Institute of Technology *(Note 3)*	13,224	14,073	13,508	12,483	11,491	11,844	12,771	-10%
Northern Lakes College	109	140	148	186	166	207	159	90%
Olds College	367	362	336	311	300	357	339	-3%
Portage College	151	143	130	102	134	127	131	-16%
Red Deer College	3,238	3,343	2,914	2,457	2,284	2,361	2,766	-27%
Southern Alberta Institute of Technology	9,503	10,334	8,835	7,668	7,037	7,302	8,447	-23%
Other Training Providers *(Note 4)*	357	216	283	420	446	236	326	-34%
TOTAL	32,045	34,031	30,960	28,043	26,131	27,051	29,710	-16%

Source: *Alberta Enterprise and Advanced Education*

* These statistics cover the school year from August 1 to July 31 for each year represented, with the exception of the 2012/13 school year. The data for this year is the attendance as of the date of printing (March 4, 2013).

Note 1: Delmar College, Eveline Charles Academy and Marvel College provide technical training for hairstylists. The hairstylist trade has a two-year apprenticeship program.

Note 2: Prior to August 1, 2009, Marvel College provided hairstylist training in the northern part of the province. Between August 1, 2009 and July 31, 2012, Eveline Charles Academy provided that training. As of August 1, 2012, Marvel College is again providing the hairstylist training for northern Alberta.

Note 3: Effective August 1, 2009, Grande Prairie Regional College assumed responsibility from NAIT for NAIT's Fairview campus and Grande Prairie campus.

Note 4: 'Other' training providers may not provide apprenticeship technical training every year. Other training providers include:
ATCO Electric - is accredited to provide technical training for its powerline technician apprentices.
British Columbia Institute of Technology - provided sawfiler training.
Crane Safety Ltd. - trains only crane and hoisting equipment operator - wellhead boom truck, which is a one-year apprenticeship program.
Enform - (previously Petroleum Industry Training Service) trains only crane and hoisting equipment operator - wellhead boom truck, which is a one-year apprenticeship program.
FortisAlberta Inc. - (previously Aquila Networks Canada, Utilicorp Networks Canada and Trans Alta Utilities) is accredited to provide technical training for its powerline technician apprentices.

Table 8

Total Number of Apprentices by Trade and Period (or Year) of Training, 2012*

TRADE	1st Period	2nd Period	3rd Period	4th Period	No TT Required (Note 1)	Total Apprentices
Agricultural Equipment Technician	88	26	35	21	16	186
Applicance Service Technician	41	21	8	N/A	10	80
Auto Body Technician	236	301	96	23	25	681
Automotive Service Technician	1,002	558	550	573	157	2,840
Baker	56	33	27	N/A	54	170
Boilermaker	104	189	131	N/A	7	431
Bricklayer	35	73	75	N/A	20	203
Cabinetmaker	127	66	59	49	10	311
Carpenter	1,373	753	676	696	153	3,651
Communication Technician	65	21	40	49	42	217
Concrete Finisher	39	2	N/A	N/A	17	58
Cook	362	213	164	N/A	198	937
Crane and Hoisting Equipment Operator	2,146	0	319	N/A	366	2,831
Electric Motor Systems Technician	26	16	1	16	6	65
Electrician	3,344	2,430	1,797	2,381	391	10,343
Elevator Constructor	0	0	1	94	84	179
Floorcovering Installer	28	19	N/A	N/A	1	48
Gasfitter	131	105	127	N/A	47	410
Glazier	101	70	73	50	11	305
Hairstylist	610	410	N/A	N/A	1,268	2,288
Heavy Equipment Technician	2,390	1,149	1,033	598	322	5,492
Instrument Technician	662	326	268	254	254	1,764
Insulator	346	123	187	0	42	698
Ironworker	953	175	115	35	48	1,326
Ironworker - Metal Building Systems Erector	66	20	N/A	N/A	4	90
Landscape Gardener	69	24	25	24	20	162
Lather-Interior Systems Mechanic	32	13	15	N/A	2	62
Locksmith	41	20	10	12	0	83
Machinist	330	148	159	120	22	779
Millwright	793	395	310	336	75	1,909
Motorcycle Mechanic	73	51	38	31	5	198
Natural Gas Compression Technician	14	1	0	0	0	15
Outdoor Power Equipment Technician	39	16	27	N/A	6	88
Painter and Decorator	52	29	23	N/A	4	108
Parts Technician	516	281	169	N/A	41	1,007
Plumber	963	704	779	722	118	3,286
Powerline Technician	259	181	125	0	93	658
Power System Electrician	43	19	169	115	23	369
Recreation Vehicle Service Technician	54	18	18	N/A	12	102
Refrigeration and Air Conditioning Mechanic	228	202	156	141	26	753
Rig Technician	1,470	719	574	N/A	69	2,832
Roofer	93	64	37	0	18	212
Sawfiler	2	0	1	1	0	4
Sheet Metal Worker	377	261	246	236	35	1,155
Sprinkler Systems Installer	102	45	87	0	29	263
Steamfitter-Pipefitter	2,367	1,006	691	N/A	96	4,160
Structural Steel and Plate Fitter	99	52	20	N/A	4	175
Tilesetter	17	7	0	N/A	10	34
Transport Refrigeration Technician	8	9	4	N/A	7	28
Water Well Driller	18	21	N/A	N/A	6	45
Welder	4,139	1,457	1,394	N/A	245	7,235
TOTAL	26,529	12,842	10,859	6,577	4,519	61,326

Source: *Alberta Enterprise and Advanced Education*

* These statistics are as of December 31, 2012.

N/A = Not all trades have four periods. The N/As indicate where there is no period in that trade.

Note 1: 'No TT Required' refers to those apprentices who have completed, or who have been granted credit for, all technical training (TT) requirements in their apprenticeship program. Industry examination and/or work experience/on-the-job training requirements for the trade have yet to be successfully completed.

Table 9

Number of Apprentices Registered, Certified and Attending Technical Training by Apprenticeship and Industry Training Office Locations, 2012*

	Total Apprentices Registered	New Apprentices Registered	Apprentices Certified	Technical Training Attendance**
Calgary	13,297	4,389	2,006	6,453
Lethbridge	2,140	727	316	1,007
Medicine Hat	1,678	624	259	756
Red Deer	5,486	2,270	731	2,290
Total - South Region	22,601	8,010	3,312	10,506
Bonnyville	1,419	539	184	663
Edmonton	25,674	9,229	3,563	10,687
Fort McMurray	3,076	1,071	404	1,334
Grande Prairie	3,095	1,197	402	1,240
Hinton	1,292	508	142	511
Peace River	801	266	94	327
Slave Lake	804	302	124	378
Vermilion	1,559	574	201	793
Total - North Region	37,720	13,686	5,114	15,933
Total - Regions	60,321	21,696	8,426	26,439
Interprovincial - Training Only *(Note 1)*	964	201	N/A	351
Interprovincial/International - Training and Certification *(Note 2)*	41	9	12	18
Total - Other	1,005	210	12	369
TOTAL	61,326	21,906	8,438	26,808 *(Note 3)*

Source: *Alberta Enterprise and Advanced Education*

* This table represents statistics covering the January to December 2012 calendar year. Technical training in Table 7 is reported as school year. For this table only, the technical training statistics cover the calendar year for comparability within this table.
** Attendance reflects the number of technical training seats occupied.

Note 1: Alberta provides training for apprentices from other Canadian provinces and territories where the trade is designated but the jurisdictions are unable to provide technical training due to small apprentice registration numbers. Alberta does not issue these individuals a certificate. They are not counted in Table 5 under Completed Apprentices.

Note 2: Alberta registers apprentices and provides technical training to people from jurisdictions where no apprenticeship program exists. Alberta issues a certificate on completion of the program.

Note 3: Not all apprentices attend technical training in any given year. The reasons for not attending may include:
- Apprentices do not normally attend technical training until they have had at least eight to 10 months of on-the-job training with their employer.
- Some apprentices are graduates of accredited post-secondary technical programs or have completed an apprenticeship program in another trade and have received credit for their technical training.
- Some have successfully completed all of the technical training and have only the required on-the-job training to complete before being eligible to be certified.
- Some prefer to obtain the study material (ILMs – individual learning modules) and learn at their own pace, and then challenge the industry exam.
- Some are in the Registered Apprenticeship Program (RAP) and attending high school and are not able to attend technical training.

Table 10

Meetings of the Trade, Occupational and Provisional Committees, 2012*

Trade/Occupation	Provincial Apprenticeship Committees, Occupational Committees, Provisional Committees			Local Apprenticeship Committees	All Committees
	Full Committee Meetings	Sub-Committee Meetings	Sub-Total	Full Committee Meetings	TOTAL
Agricultural Equipment Technician	0	3	3	N/A	3
Appliance Service Technician	1	7	8	1	9
Auto Body Technician	1	4	5	0	5
Automotive Service Technician	1	8	9	3	12
Baker	1	6	7	0	7
Boilermaker	0	1	1	N/A	1
Bricklayer	0	3	3	2	5
Cabinetmaker	0	0	0	2	2
Carpenter	0	0	0	2	2
Communication Technician	1	4	5	1	6
Concrete Finisher	1	3	4	N/A	4
Cook	1	1	2	2	4
Crane and Hoisting Equipment Operator	0	5	5	2	7
Electric Motor Systems Technician	1	0	1	2	3
Electrician	1	11	12	4	16
Elevator Constructor	0	0	0	N/A	0
Floorcovering Installer	1	2	3	N/A	3
Gasfitter	0	0	0	0	0
Glazier	1	8	9	2	11
Hairstylist	1	2	3	4	7
Heavy Equipment Technician	1	7	8	7	15
Instrument Technician	0	7	7	0	7
Insulator	2	7	9	N/A	9
Ironworker	0	0	0	N/A	0
Landscape Gardener	1	0	1	1	2
Lather-Interior Systems Mechanic	1	0	1	N/A	1
Locksmith	1	0	1	0	1
Machinist	2	6	8	2	10
Millwright	2	3	5	2	7
Motorcycle Mechanic	1	4	5	3	8
Natural Gas Compression Technician	0	1	1	N/A	1
Outdoor Power Equipment Technician	0	5	5	0	5
Painter and Decorator	1	1	2	1	3
Parts Technician	1	3	4	2	6
Plumber	0	1	1	1	2
Powerline Technician	1	6	7	2	9
Power System Electrician	0	3	3	N/A	3
Recreation Vehicle Service Technician	0	1	1	3	4
Refrigeration and Air Conditioning Mechanic	0	4	4	1	5
Rig Technician	2	2	4	N/A	4
Roofer	1	6	7	N/A	7
Sawfiler	0	0	0	N/A	0
Sheet Metal Worker	0	2	2	2	4
Sprinkler Systems Installer	0	0	0	1	1
Steamfitter- Pipefitter	1	4	5	0	5
Structural Steel and Plate Fitter	1	1	2	N/A	2
Tilesetter	0	3	3	0	3
Transport Refrigeration Technician	0	3	3	N/A	3
Water Well Driller	1	0	1	N/A	1
Welder	1	0	1	2	3
Total - All Trade Committees	33	141	174	57	231

(continued)

Table 10 (continued)

Meetings of the Trade, Occupational and Provisional Committees, 2012*

Trade/Occupation	Provincial Apprenticeship Committees, Occupational Committees, Provisional Committees			Local Apprenticeship Committees	All Committees
	Full Committee Meetings	Sub-Committee Meetings	Sub-Total	Sub-Total	TOTAL
Construction Craft Labourer	1	0	1	N/A	1
Field Heat Treatment Technician	1	1	2	N/A	2
Gas Utility Operator	0	0	0	N/A	0
Industrial Construction Crew Supervisor	1	1	2	N/A	2
Oil and Gas Transportation Services (Note 2)	0	0	0	N/A	0
Residential Construction Site Manager	0	0	0	N/A	0
Snubbing Services (Note 2)	0	0	0	N/A	0
Steel Detailer	0	0	0	N/A	0
Well Testing Services Supervisor (Note 2)	0	0	0	N/A	0
Total - All Occupation Committees	**3**	**2**	**5**	**N/A**	**5**
Cathodic Protection	1	7	8	N/A	8
Fireproofer	0	0	0	N/A	0
Industrial Scaffold Technician	1	0	1	N/A	1
Overhead Door Technician	0	0	0	N/A	0
Railway Car Technician	0	0	0	N/A	0
Slickline Operator	1	0	1	N/A	1
Total - All Provisional Committees	**3**	**7**	**10**	**N/A**	**10**
Total - All Trade, Occupation and Provisional Committees	39	150 *(Note 1)*	189 *(Note 1)*	57	246

Source: *Alberta Enterprise and Advanced Education*

* The meetings counted in this table are in-person meetings only. Many committees also conduct meetings on a single item or through ballots, faxes or phone converations. These are not included in this table.

N/A: Not applicable refers to trades where local apprenticeship committees do not exist. Designated occupations do not have local committees.

Note 1: A number of subcommittees of the provincial apprenticeship committees (PACs) held joint meetings with other PAC subcommittees in 2012. These joint subcommittee meetings are counted in the totals for each provincial apprenticeship committee but are only counted once in the subcommittee total. The joint meetings were held in the following trades: communication technician with powerline technician (1); electrician with powerline technician (1); electrician with refrigeration and air condiditioning mechanic (1); machinist with millwright (1); and powerline technician with power system electrician (3).

Note 2: The Petroleum Competency Program Steering Committee serves as the industry committee for the oil and gas transportation services, snubbing services and well testing services supervisor designated occupations.

Table 11

Number of Participants in the Registered Apprenticeship Program (RAP) by Trade as of December 31, 2012

Trade	High School	Full Time	Certified *(Note 1)*
Agricultural Equipment Technician	25	40	37
Appliance Service Technician	0	3	4
Auto Body Technician	30	81	78
Automotive Service Technician	122	308	337
Baker	10	10	8
Boilermaker	0	1	0
Bricklayer	6	6	11
Cabinetmaker	22	45	36
Carpenter	117	234	211
Communication Technician	4	1	1
Concrete Finisher	4	5	4
Cook	58	72	59
Crane and Hoisting Equipment Operator	9	8	17
Electric Motor Systems Technician	0	0	1
Electrician	129	393	398
Elevator Constructor	1	0	0
Floorcovering Installer	2	3	3
Gasfitter	5	4	3
Glazier	3	10	6
Hairstylist	71	192	436
Heavy Equipment Technician	276	420	399
Instrument Technician	31	76	79
Insulator	1	2	1
Ironworker	2	2	1
Ironworker - Metal Building Systems Erector	0	1	0
Landscape Gardener	5	6	5
Lather-Interior Systems Mechanic	8	1	1
Locksmith	2	4	2
Machinist	13	35	53
Millwright	42	100	90
Motorcycle Mechanic	12	17	23
Natural Gas Compression Technician	1	0	0
Outdoor Power Equipment Technician	13	10	3
Painter and Decorator	3	3	6
Parts Technician	25	46	59
Plumber	49	130	108
Power Lineman	4	15	15
Power System Electrician	0	0	0
Recreational Vehicle Service Technician	6	1	4
Refrigeration and Air Conditioning Mechanic	6	13	19
Rig Technician	0	0	0
Roofer	0	1	4
Sawfiler	0	0	0
Sheet Metal Worker	13	31	15
Sprinkler Systems Installer	2	3	9
Steamfitter-Pipefitter	32	28	49
Structural Steel and Plate Fitter	1	1	8
Tilesetter	0	3	3
Transport Refrigeration Mechanic	1	0	3
Water Well Driller	3	3	2
Welder	209	401	746
TOTAL	1,378	2,769	3,357 *(Note 1)*

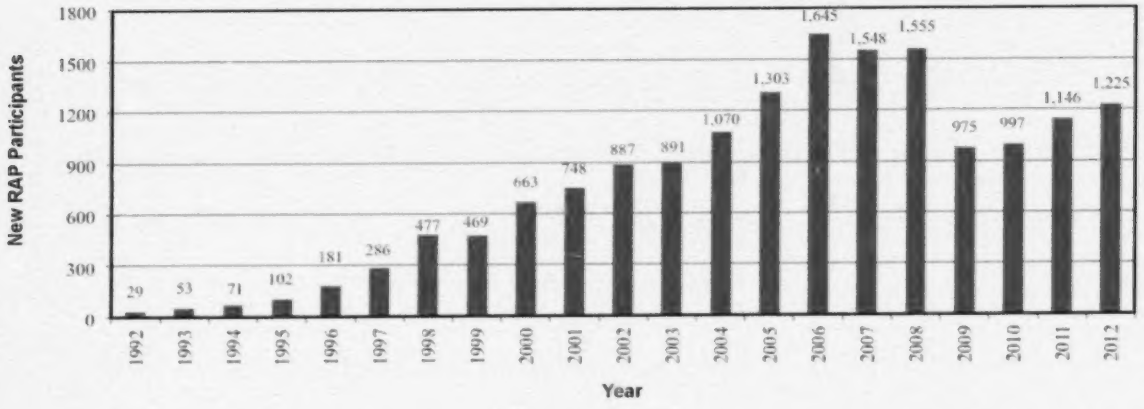
Source: *Alberta Enterprise and Advanced Education*

High School = RAP participants currently in high school.
Full Time = RAP participants who have completed high school and are now full time apprentices.
Certified = RAP participants who have completed their apprenticeship program and are now certified tradespeople.

Note 1: Total number of RAP participants certified since inception of program.

Chart 5

Number of New Registrants in the Registered Apprenticeship Program (RAP) by Year, 1992 - 2012

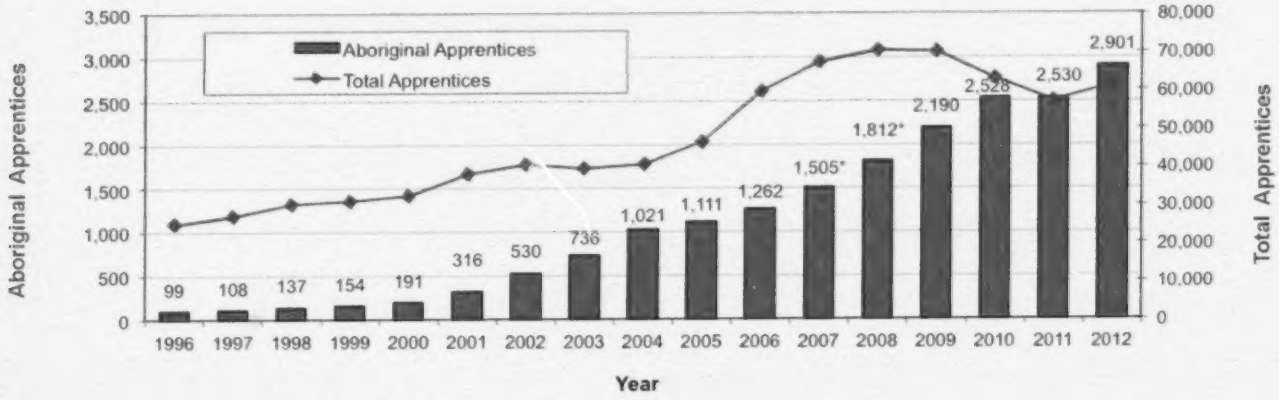


Source: *Alberta Enterprise and Advanced Education*

* This graph represents statistics covering a series of calendar years (January to December).

Chart 6

Total and Aboriginal Apprentices Registered, 1996 - 2012

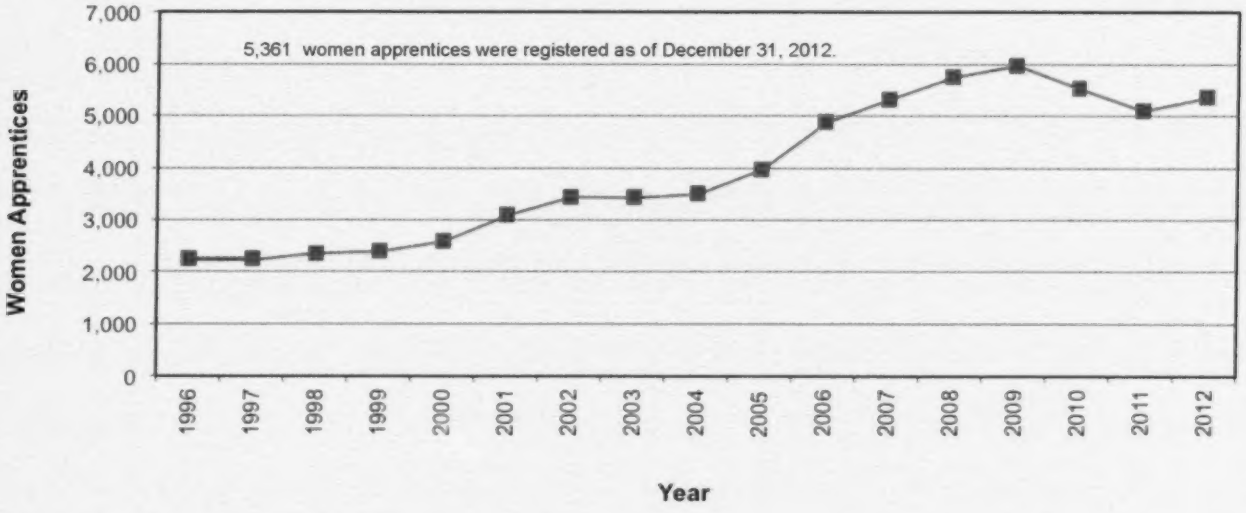


Source: *Alberta Enterprise and Advanced Education*

* In 2007 and 2008, the statistical methodology changed, therefore, the numbers in those two years cannot be compared to those of previous years.

Chart 7

Total Number of Women Apprentices Registered, 1996 - 2012 - All Trades*



Source: *Alberta Enterprise and Advanced Education*

* This graph represent statistics covering calendar years (January to December).

Table 12

Number of Apprentices Registered - Total, Aboriginal and Women, 2012*

Trade	Total Apprentices Registered	Aboriginal Apprentices Registered	Women Apprentices Registered
Agricultural Equipment Technician	186	5	3
Appliance Service Technician	80	3	0
Auto Body Technician	681	19	40
Automotive Service Technician	2,840	112	93
Baker	170	4	117
Boilermaker	431	27	14
Bricklayer	203	3	2
Cabinetmaker	311	5	46
Carpenter	3,651	252	215
Communication Technician	217	4	9
Concrete Finisher	58	8	3
Cook	937	45	277
Crane and Hoisting Equipment Operator	2,831	108	44
Electric Motor Systems Technician	65	2	1
Electrician	10,343	367	563
Elevator Constructor	179	2	2
Floorcovering Installer	48	2	3
Gasfitter	410	15	10
Glazier	305	10	10
Hairstylist	2,288	100	2,077
Heavy Equipment Technician	5,492	244	104
Instrument Technician	1,764	74	92
Insulator	698	42	113
Ironworker	1,326	167	56
Ironworker - Metal Building Systems Erector	90	14	0
Landscape Gardener	162	2	69
Lather-Interior Systems Mechanic	62	2	1
Locksmith	83	0	8
Machinist	779	16	23
Millwright	1,909	87	44
Motorcycle Mechanic	198	13	11
Natural Gas Compression Technician	15	0	0
Outdoor Power Equipment Technician	88	3	4
Painter and Decorator	108	12	22
Parts Technician	1,007	46	332
Plumber	3,286	140	110
Powerline Technician	658	40	7
Power System Electrician	369	9	16
Recreation Vehicle Service Technician	102	3	6
Refrigeration and Air Conditioning Mechanic	753	20	10
Rig Technician (Note 2)	2,832	119	6
Roofer	212	11	6
Sawfiler	4	0	1
Sheet Metal Worker	1,155	31	51
Sprinkler Systems Installer	263	5	3
Steamfitter-Pipefitter	4,160	268	212
Structural Steel and Plate Fitter	175	7	7
Tilesetter	34	1	7
Transport Refrigeration Technician (Note 3)	28	0	2
Water Well Driller	45	1	2
Welder	7,235	431	507
Total - Trades	61,326	2,901 *(Note 2)*	5,361

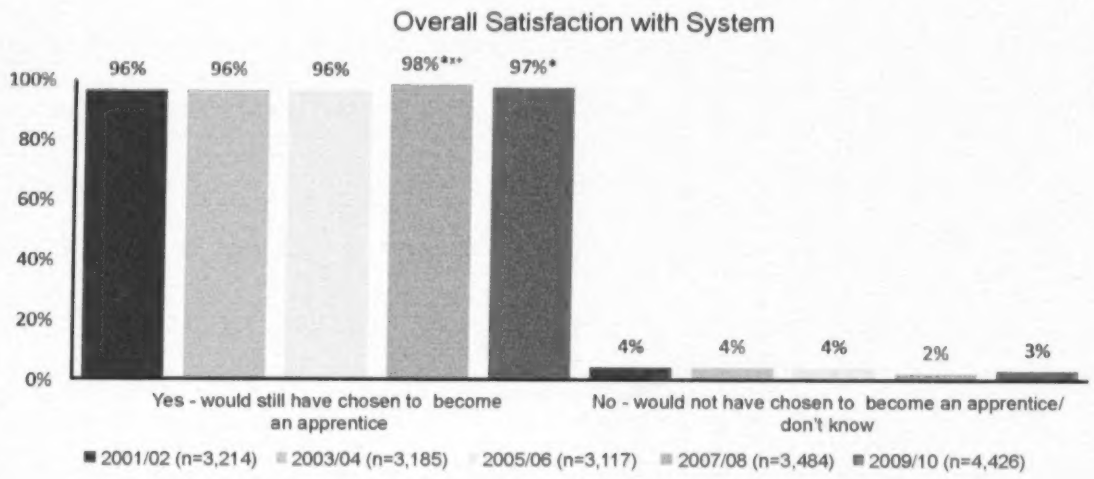
Source: *Alberta Enterprise and Advanced Education*

* Total number of apprentices registered as of December 31. Apprentices may be registered in more than one trade or branch of a trade within the same year, but are counted here only once.

Note 1: Approximately 930 of the rig technician apprentices are from Canadian jurisdictions other than Alberta.
Note 2: Apprentices choose whether or not to disclose their Aboriginal heritage when registering. The total number of Aboriginal apprentices reflected here indicates those who disclosed their Aboriginal heritage. There may be additional apprentices with Aboriginal heritage registered who did not disclose that information.

Chart 8

Survey of Graduates of the Apprenticeship and Industry Training System

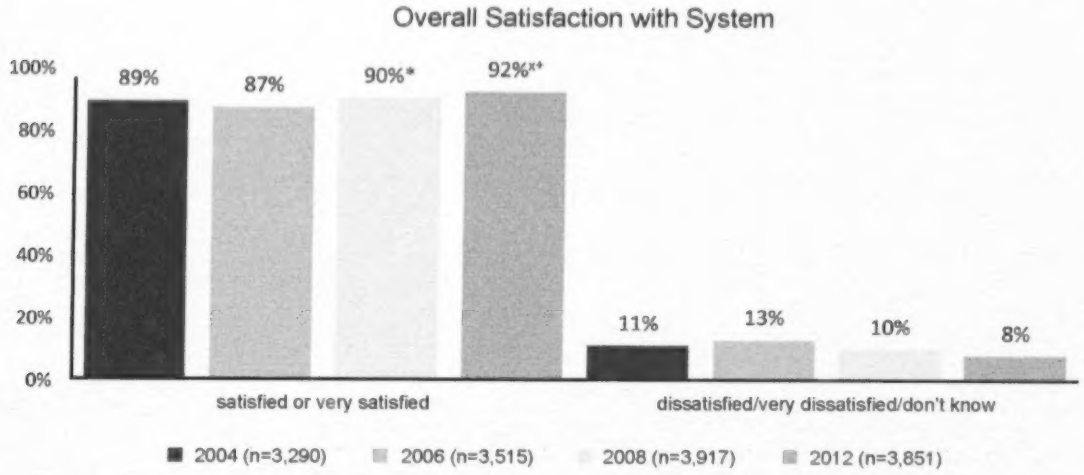


Source: *Alberta Enterprise and Advanced Education*

Survey Question #F6: In retrospect, based on your experience with the Alberta apprenticeship program, would you still have chosen to become an apprentice?
* Indicates a significant change in response at a .05 level of confidence compared to the previous survey year.
^ Indicates a significant change in response at a .05 level of confidence compared to 2003/04 graduate survey results.
' Indicates a significant change in response at a .05 level of confidence compared to 2001/02 graduate survey results.

Chart 9

Survey of Employer Satisfaction with Apprenticeship Training and Skilled Tradespersons



Source: *Alberta Enterprise and Advanced Education*

Survey Question #45: Overall, how satisfied are you with the apprenticeship and trade certification system in Alberta?
* Indicates a significant change in response at a .05 level of confidence compared to the previous survey year.
^ Indicates a significant change in response at a .05 level of confidence compared to 2006 survey results.
' Indicates a significant change in response at a .05 level of confidence compared to 2004 survey results.